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CONFIDENTIAL

20 September 1960

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MEMORANDUM FOR: THE RECORD

SUBJECT : Trip Report, [REDACTED], 9 September 1960

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1. I made a routine visit to [REDACTED] on the morning of 9 September 1960 to check the status of tasks V and VI, Noise Modulation Study and Correlation Study [REDACTED]

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2. [REDACTED]

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The [REDACTED] prototype equipment is all but ready for check-out and it is currently planned to devote the week of 26 September to this purpose. The only item of hardware left to build is a new box for the transmitter, which will be vented to eliminate excessive temperature rise encountered in the old one.

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Testing of the [REDACTED] will be done in two parts: a) bench testing to determine power output, sensitivity, frequency ranges, etc., and b) field testing, during which system performance and security will be examined in various physical and RF environments. During part of the field tests, the receiving portion of the equipment will be installed in an auto for mobility.

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3. [REDACTED]

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I delivered a 3 3/4 ips 2-channel tape containing both correlated and uncorrelated material to [REDACTED]

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Most of the work done since my last visit has gone into circuit layout and refinement of design. RC integrators are now being used, rather than active circuits, for the P and Q integrators.

Fred is doubtful about the need for R and S circuits as outlined in the proposal; if necessary, they must still be built.

Thermocouples for squaring and adding appear to be unacceptable due to the inflexible 1-second time constant of most available thermocouples.

[REDACTED]  
TSD/APB

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Distribution:

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